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 B. N. Bershad, S. Savage, P. Pardyak, E. G. Sirer, M. E. Fluczynski, D. Becker, C. Chambers, S. Eggers  
 December 1995 **ACM SIGOPS Operating Systems Review , Proceedings of the fifteenth ACM symposium on Operating systems principles**, Volume 29 Issue 5  
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 Matthew Marx, Chris Schmandt  
 November 1996 **Proceedings of the 1996 ACM conference on Computer supported cooperative work**  
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**Keywords:** electronic mail, filtering, messaging, personal information management, voice mail

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 Peter G. Neumann  
 January 1996 **ACM SIGSOFT Software Engineering Notes**, Volume 21 Issue 1  
 Full text available:  pdf(2.54 MB) Additional Information: [full citation](#)

- 4 [TeleNotes: managing lightweight interactions in the desktop](#)   
 Steve Whittaker, Jerry Swanson, Jakov Kucan, Candy Sidner  
 June 1997 **ACM Transactions on Computer-Human Interaction (TOCHI)**, Volume 4 Issue 2  
 Full text available:  pdf(1.01 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Communication theories and technology have tended to focus on extended, formal meetings and have neglected a prevalent and vital form of workplace communication—namely, lightweight communication. Unlike formal, extended meetings, lightweight interaction is brief, informal, unplanned, and intermittent. We analyze naturalistic data from

a study of work-place communication and derive five design criteria for lightweight interaction systems. These criteria require that systems for lightwe ...

**Keywords:** audio, awareness, computer-media spaces, conversation management, impromptu communication, informal communication, interpersonal communications, lightweight interaction, mediated communication, remote collaboration, task management, video

5 We Talk to Everybody

Marjorie Richardson, Jason Schumaker, David Penn  
June 2000 **Linux Journal**

Full text available:  [html\(96.53 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

A quick look at some of the people who helped make Linux possible.

6 Attention and integration: Learning and reasoning about interruption

Eric Horvitz, Johnson Apacible  
November 2003 **Proceedings of the 5th international conference on Multimodal interfaces**

Full text available:  [pdf\(1.07 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We present methods for inferring the cost of interrupting users based on multiple streams of events including information generated by interactions with computing devices, visual and acoustical analyses, and data drawn from online calendars. Following a review of prior work on techniques for deliberating about the cost of interruption associated with notifications, we introduce methods for learning models from data that can be used to compute the expected cost of interruption for a user. We desc ...

**Keywords:** cognitive models, divided attention, interruption, notifications

7 W-mail: an electronic mail system for wearable computing environments

Hirotaka Ueda, Masahiko Tsukamoto, Shojiro Nishio  
August 2000 **Proceedings of the 6th annual international conference on Mobile computing and networking**

Full text available:  [pdf\(1.99 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper describes an e-mail system for wearable computing environments. In this system, we extend the conventional mail format and the server/client(browser) architecture by considering the specific features of wearable computing environments, i.e., full time operation, hands-free use of computer, and close relationship to our daily life. A mail author can specify the behavior of his/her mail by embedding several useful commands in the mail. A user can specify in the mail various conditi ...

**Keywords:** e-mail, location dependent service, wearable computing

8 Risks to the public in computers and related systems

Peter G. Neumann  
January 1997 **ACM SIGSOFT Software Engineering Notes**, Volume 22 Issue 1

Full text available:  [pdf\(309.47 KB\)](#) Additional Information: [full citation](#), [index terms](#)

9 "Smart clothing": wearable multimedia computing and "personal imaging" to restore the

technological balance between people and their environments

Steve Mann

February 1997 **Proceedings of the fourth ACM international conference on Multimedia**

Full text available:  pdf(2.13 MB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** augmented reality, mediated reality, mobile multimedia, pencigraphic image compositing, personal imaging, smart spaces, ubiquitous computing, video orbits, video surveillance, wearable computing

10 Information delivery systems: an exploration of Web pull and push technologies

Julie E. Kendall, Kenneth E. Kendall

April 1999 **Communications of the AIS**

Full text available:  pdf(558.33 KB) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

11 Applying policy management to reduce support costs for remote and mobile computing

Russell J. Sharer

July 1998 **International Journal of Network Management**, Volume 8 Issue 4

Full text available:  pdf(58.99 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Remote access to networks has become a standard part of corporate networks worldwide, and one that is growing rapidly. How are network managers to respond to this growth without a corresponding increase in resources? © 1998 by John Wiley & Sons, Ltd.

12 The wireless Net

Dennis Fowler


August 1997 **netWorker**, Volume 1 Issue 2

Full text available:  pdf(568.06 KB) Additional Information: [full citation](#), [references](#), [index terms](#), [review](#)

13 NETMAN: the design of a collaborative wearable computer system

Gerd Kortuem, Martin Bauer, Zary Segall

March 1999 **Mobile Networks and Applications**, Volume 4 Issue 1

Full text available:  pdf(551.57 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper presents a wearable groupware system designed to enhance the communication and cooperation of highly mobile network technicians. It provides technicians in the field with the capabilities for real-time audio-conferencing, transmission of video images back to the office, and context-sensitive access to a shared notebook. An infrared location-tracking device allows for the automatic retrieval of notebook entries depending on the user's current location.

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